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LOGINID:SSSPTA1811DXL

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\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 4 APR 04 STN AnaVist \$500 visualization usage credit offered  
NEWS 5 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records  
NEWS 6 MAY 11 KOREAPAT updates resume  
NEWS 7 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
NEWS 8 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAPLUS and  
USPATFULL/USPAT2  
NEWS 9 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS  
NEWS 10 JUN 02 The first reclassification of IPC codes now complete in  
INPADOC  
NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and  
and display fields  
NEWS 12 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL  
NEWS 13 JUL 07 Coverage of Research Disclosure reinstated in DWPI  
NEWS 14 JUL 11 CHEMSAFE reloaded and enhanced

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8  
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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of commercial gateways or other similar uses is prohibited and may  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 13:30:37 ON 13 JUL 2006

=> FILE REG

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:30:48 ON 13 JUL 2006

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUL 2006 HIGHEST RN 892389-74-1  
DICTIONARY FILE UPDATES: 12 JUL 2006 HIGHEST RN 892389-74-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

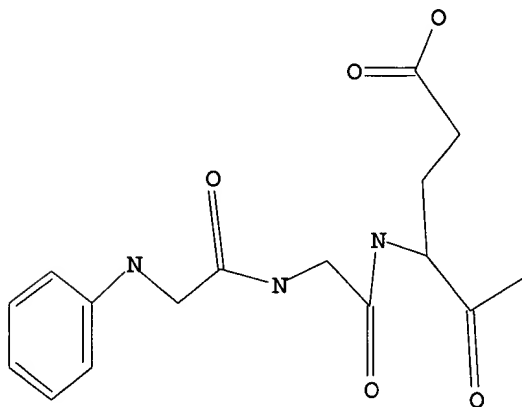
Uploading C:\Program Files\Stnexp\Queries\912674a.str

L1 STRUCTURE UPLOADED

=> D L1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L1 SSS FULL

FULL SEARCH INITIATED 13:31:18 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 722 TO ITERATE

100.0% PROCESSED 722 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

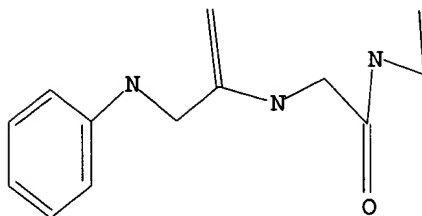
L2 0 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\912674B.str

L3 STRUCTURE UPLOADED

=> D L3  
L3 HAS NO ANSWERS  
L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L1  
SAMPLE SEARCH INITIATED 13:33:54 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 35 TO ITERATE

100.0% PROCESSED 35 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 346 TO 1054  
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L1

=> S L3  
SAMPLE SEARCH INITIATED 13:33:57 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 338 TO ITERATE

100.0% PROCESSED 338 ITERATIONS 50 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 5657 TO 7863  
PROJECTED ANSWERS: 720 TO 1640

L5 50 SEA SSS SAM L3

=> S L5 SSS FULL  
FULL SEARCH INITIATED 13:34:05 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 7093 TO ITERATE

100.0% PROCESSED 7093 ITERATIONS 977 ANSWERS  
SEARCH TIME: 00.00.01

L6 977 SEA SSS FUL L3

=>  
Uploading C:\Program Files\Stnexp\Queries\912674C.str

L7 STRUCTURE UPLOADED

=> S L7 SSS FULL  
FULL SEARCH INITIATED 13:35:27 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 722 TO ITERATE

100.0% PROCESSED 722 ITERATIONS  
SEARCH TIME: 00.00.01

5 ANSWERS

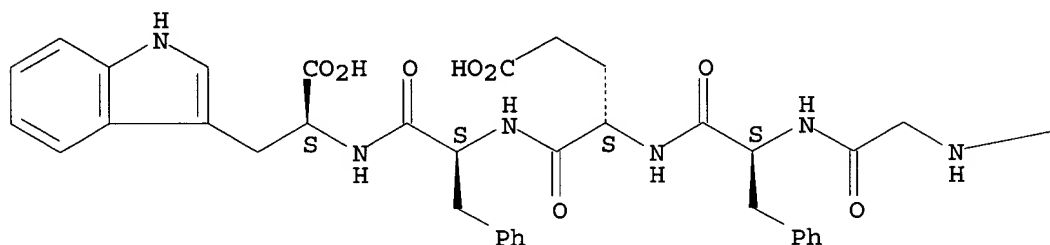
L8 5 SEA SSS FUL L7

=> D

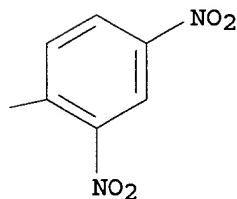
L8 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 500799-01-9 REGISTRY  
ED Entered STN: 27 Mar 2003  
CN L-Tryptophan, N-(2,4-dinitrophenyl)glycyl-L-phenylalanyl-L- $\alpha$ -  
glutamyl-L-phenylalanyl- (9CI) (CA INDEX NAME)  
FS PROTEIN SEQUENCE; STEREOSEARCH  
MF C42 H42 N8 O12  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FILE CA

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

505.36

505.57

FILE 'CA' ENTERED AT 13:36:05 ON 13 JUL 2006

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FILE COVERS 1907 - 6 Jul 2006 VOL 145 ISS 3  
FILE LAST UPDATED: 6 Jul 2006 (20060706/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> D HISTORY

(FILE 'HOME' ENTERED AT 13:30:37 ON 13 JUL 2006)

FILE 'REGISTRY' ENTERED AT 13:30:48 ON 13 JUL 2006

L1 STRUCTURE UPLOADED  
L2 0 S L1 SSS FULL  
L3 STRUCTURE UPLOADED  
L4 0 S L1  
L5 50 S L3  
L6 977 S L5 SSS FULL  
L7 STRUCTURE UPLOADED  
L8 5 S L7 SSS FULL

FILE 'CA' ENTERED AT 13:36:05 ON 13 JUL 2006

=> S L8

L9 8 L8

=> D HITSTR 1-8

L9 ANSWER 1 OF 8 CA COPYRIGHT 2006 ACS on STN

IT 500799-01-9

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL  
(Biological study)

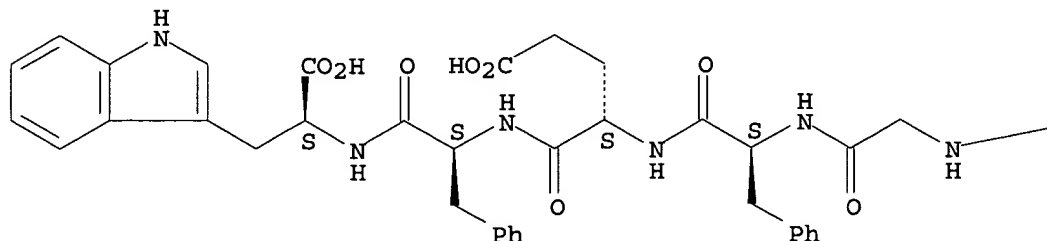
(Glu245, His110 and His111 residues of occluding loop of cathepsin B  
play role in carboxydiptidase activity)

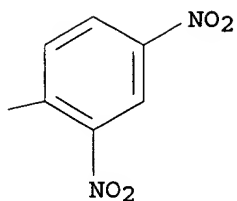
RN 500799-01-9 CA

CN L-Tryptophan, N-(2,4-dinitrophenyl)glycyl-L-phenylalanyl-L- $\alpha$ -  
glutamyl-L-phenylalanyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

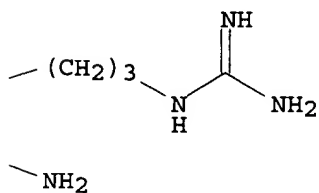
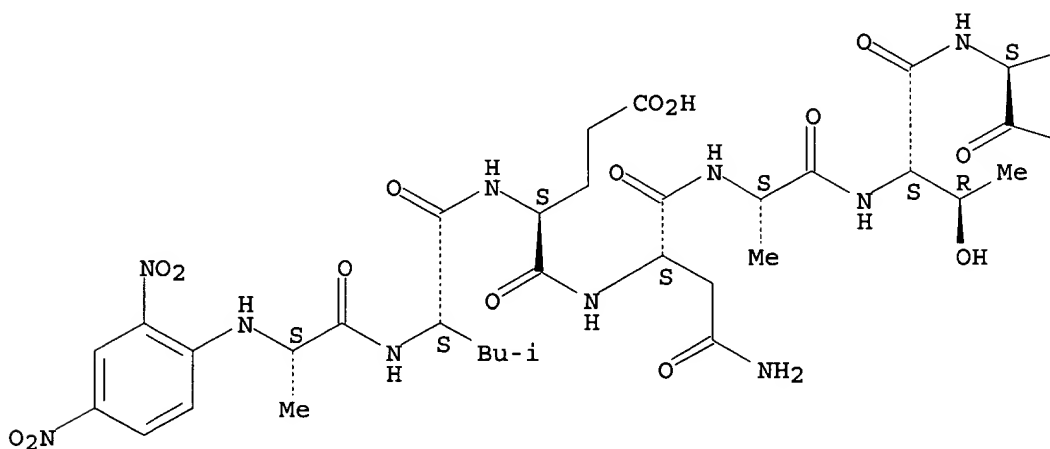
PAGE 1-A





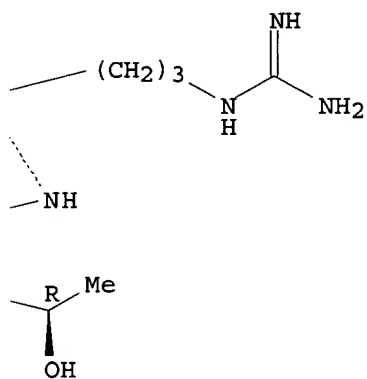
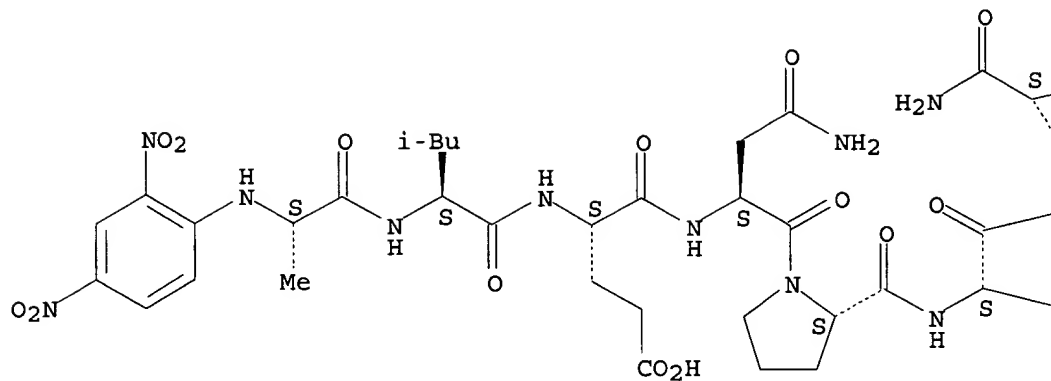
L9 ANSWER 2 OF 8 CA COPYRIGHT 2006 ACS on STN  
 IT 66740-33-8 78956-95-3  
 RL: BIOL (Biological study)  
 (protein oligosaccharide transferase specificity for)  
 RN 66740-33-8 CA  
 CN L-Argininamide, N-(2,4-dinitrophenyl)-L-alanyl-L-leucyl-L- $\alpha$ -glutamyl-L-asparaginyl-L-alanyl-L-threonyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 78956-95-3 CA  
 CN L-Argininamide, N-(2,4-dinitrophenyl)-L-alanyl-L-leucyl-L- $\alpha$ -glutamyl-L-asparaginyl-L-prolyl-L-threonyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L9 ANSWER 3 OF 8 CA COPYRIGHT 2006 ACS on STN

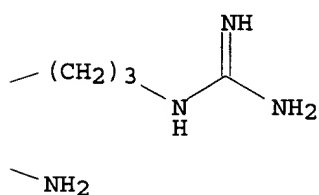
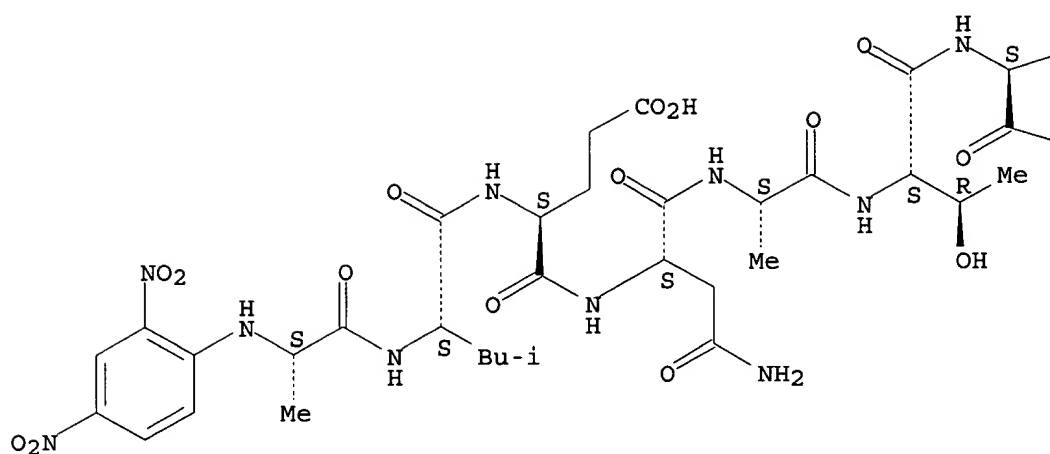
IT 66740-33-8

RL: BIOL (Biological study)  
(as yeast membrane glycosylation substrate)

RN 66740-33-8 CA

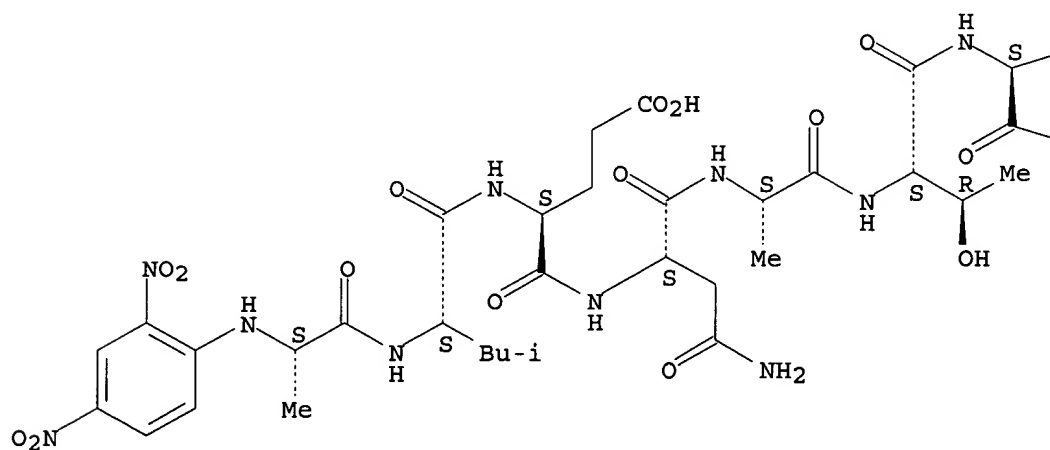
CN L-Argininamide, N-(2,4-dinitrophenyl)-L-alanyl-L-leucyl-L- $\alpha$ -glutamyl-L-asparaginyll-L-alanyl-L-threonyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

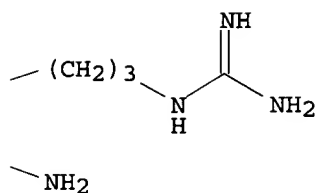


L9 ANSWER 4 OF 8 CA COPYRIGHT 2006 ACS on STN  
 IT 66740-33-8  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (glycosylation of, by thyroid microsomes)  
 RN 66740-33-8 CA  
 CN L-Argininamide, N-(2,4-dinitrophenyl)-L-alanyl-L-leucyl-L- $\alpha$ -glutamyl-L-asparaginyl-L-alanyl-L-threonyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

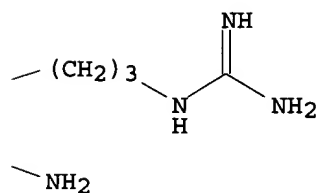
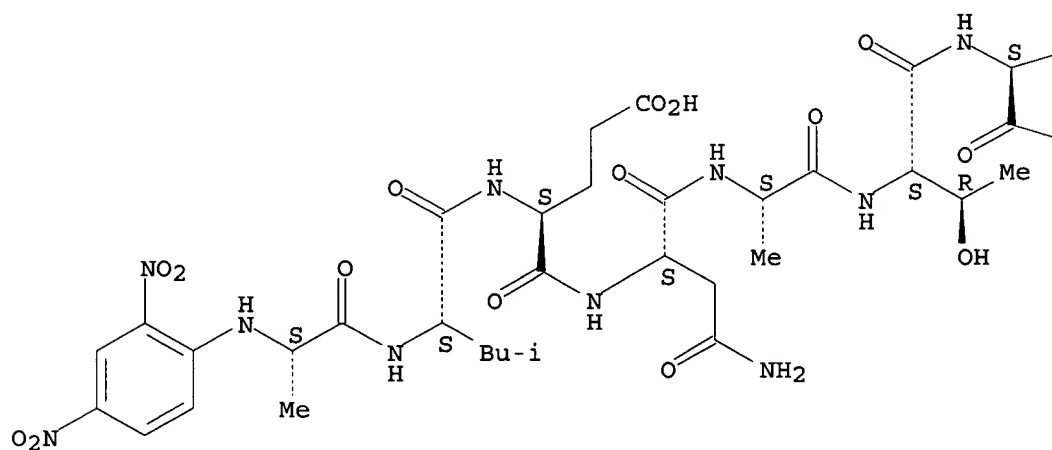






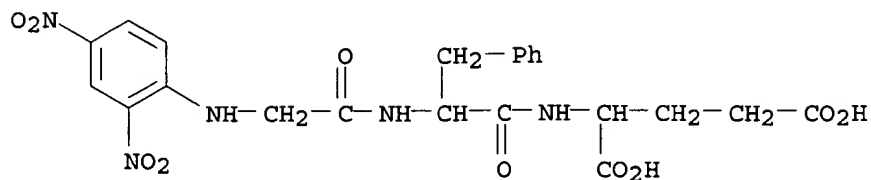
L9 ANSWER 5 OF 8 CA COPYRIGHT 2006 ACS on STN  
 IT 66740-33-8  
 RL: BIOL (Biological study)  
 (oligosaccharide transfer to, from mannose-containing oligosaccharide  
 lipid, by thyroid microsomes)  
 RN 66740-33-8 CA  
 CN L-Argininamide, N-(2,4-dinitrophenyl)-L-alanyl-L-leucyl-L- $\alpha$ -glutamyl-  
 L-asparaginyll-L-alanyl-L-threonyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L9 ANSWER 6 OF 8 CA COPYRIGHT 2006 ACS on STN  
 IT 103641-57-2, Glutamic acid, N-[N-[N-(2,4-dinitrophenyl)glycyl]-3-  
 phenylalanyl]-  
 (chromatog. of)  
 RN 103641-57-2 CA

CN Glutamic acid, N-[N-[N-(2,4-dinitrophenyl)glycyl]-3-phenylalanyl]- (6CI)  
(CA INDEX NAME)

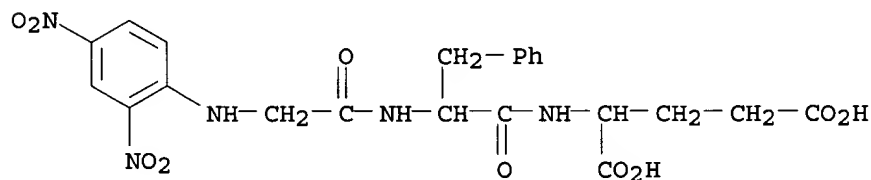


L9 ANSWER 7 OF 8 CA COPYRIGHT 2006 ACS on STN

IT 103641-57-2, Glutamic acid, N-[N-[N-(2,4-dinitrophenyl)glycyl]-3-phenylalanyl]-  
(chromatog. of)

RN 103641-57-2 CA

CN Glutamic acid, N-[N-[N-(2,4-dinitrophenyl)glycyl]-3-phenylalanyl]- (6CI)  
(CA INDEX NAME)

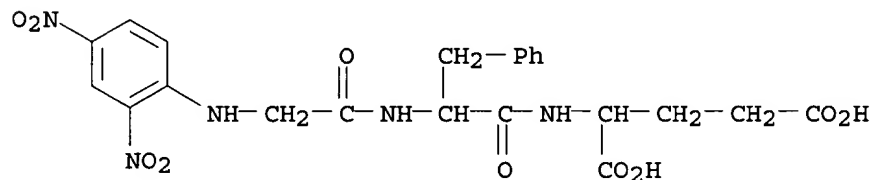


L9 ANSWER 8 OF 8 CA COPYRIGHT 2006 ACS on STN

IT 103641-57-2, Glutamic acid, N-[N-[N-(2,4-dinitrophenyl)glycyl]-3-phenylalanyl]-  
(spectrum of)

RN 103641-57-2 CA

CN Glutamic acid, N-[N-[N-(2,4-dinitrophenyl)glycyl]-3-phenylalanyl]- (6CI)  
(CA INDEX NAME)



=> D HISTORY

(FILE 'HOME' ENTERED AT 13:30:37 ON 13 JUL 2006)

FILE 'REGISTRY' ENTERED AT 13:30:48 ON 13 JUL 2006

L1	STRUCTURE UPLOADED
L2	0 S L1 SSS FULL
L3	STRUCTURE UPLOADED
L4	0 S L1
L5	50 S L3
L6	977 S L5 SSS FULL
L7	STRUCTURE UPLOADED
L8	5 S L7 SSS FULL

FILE 'CA' ENTERED AT 13:36:05 ON 13 JUL 2006

L9 8 S L8

=> D BIB 1-8

L9 ANSWER 1 OF 8 CA COPYRIGHT 2006 ACS on STN

AN 138:217330 CA

TI Cathepsin B carboxydipeptidase specificity analysis using internally quenched fluorescent peptides

AU Cezari, Maria Helena S.; Puzer, Luciano; Juliano, Maria Aparecida; Carmona, Adriana K.; Juliano, Luiz

CS Escola Paulista de Medicina, Department of Biophysics, Universidade Federal de Sao Paulo, Sao Paulo, 04044-020, Brazil

SO Biochemical Journal (2002), 368(1), 365-369

CODEN: BIJOAK; ISSN: 0264-6021

PB Portland Press Ltd.

DT Journal

LA English

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 8 CA COPYRIGHT 2006 ACS on STN

AN 95:128178 CA

TI Synthetic substrates for thyroid oligosaccharide transferase. Effects of peptide chain length and modifications in the -Asn-Xaa-Thr- region

AU Ronin, Catherine; Granier, Claude; Caseti, Christiane; Bouchilloux, Simone; Van Rietschoten, Jurphaas

CS Lab. Biochim. Med., Inst. Sante Rech. Med., Marseille, Fr.

SO European Journal of Biochemistry (1981), 118(1), 159-64

CODEN: EJBCAI; ISSN: 0014-2956

DT Journal

LA English

L9 ANSWER 3 OF 8 CA COPYRIGHT 2006 ACS on STN

AN 92:89422 CA

TI Enzymic N-glycosylation and O-glycosylation of synthetic peptide acceptors by dolichol-linked sugar derivatives in yeast

AU Bause, Ernst; Lehle, Ludwig

CS Inst. Biochem., Univ. Koeln, Cologne, Fed. Rep. Ger.

SO European Journal of Biochemistry (1979), 101(2), 531-40

CODEN: EJBCAI; ISSN: 0014-2956

DT Journal

LA English

L9 ANSWER 4 OF 8 CA COPYRIGHT 2006 ACS on STN

AN 90:82295 CA

TI Enzymic N-glycosylation of synthetic Asn-X-Thr containing peptides

AU Ronin, Catherine; Bouchilloux, Simone; Granier, Claude; Van Rietschoten, Jurphaas

CS Lab. Biochim. Med., Fac. Med., Marseille, Fr.

SO FEBS Letters (1978), 96(1), 179-82

CODEN: FEBLAL; ISSN: 0014-5793

DT Journal

LA English

L9 ANSWER 5 OF 8 CA COPYRIGHT 2006 ACS on STN

AN 89:38176 CA

TI Enzymic transfer of oligosaccharide from oligosaccharide-lipids to an Asn-Ala-Thr containing heptapeptide

AU Ronin, C.; Granier, C.; Van Rietschoten, J.; Bouchilloux, S.

CS Lab. Biochim. Med., Fac. Med., Marseille, Fr.

SO Biochemical and Biophysical Research Communications (1978), 81(3), 772-8

CODEN: BBRCA9; ISSN: 0006-291X

DT Journal

LA English

L9 ANSWER 6 OF 8 CA COPYRIGHT 2006 ACS on STN

AN 55:43684 CA

OREF 55:8521f-h

TI The chromatography of aromatic nitro compounds on polyamide

AU Grassmann, Wolfgang; Hormann, Helmut; Portatius, Hans v.

CS Max-Planck-Inst. Protein and Leather Research, Munich, Germany

SO Z. physiol. Chem. (1960), 321, 120-32

DT Journal

LA Unavailable

L9 ANSWER 7 OF 8 CA COPYRIGHT 2006 ACS on STN

AN 53:112584 CA

OREF 53:20233d-e

TI Column chromatographic separation of 2,4-dinitrophenylamino acids and peptides on a polyamide

AU Hormann, Helmut; von Portatius, Hans

CS Max-Planck-Inst., Munich, Germany

SO Z. physiol. Chem. (1959), 315, 141-4

DT Journal

LA Unavailable

L9 ANSWER 8 OF 8 CA COPYRIGHT 2006 ACS on STN

AN 49:59372 CA

OREF 49:11414b-d

TI Ultraviolet spectroscopic studies of nitrogen- and oxygen- containing 2,4-dinitrophenyl compounds. A route to a spectroanalytical distinction of dinitrophenylamino acids and dinitrophenylimino acids in peptides

AU Horman, Helmut; Endres, Horst

CS Max Planck Inst. Eiweiss-Lederforsch., Regensburg, Germany

SO Zeitschrift fuer Naturforschung (1955), 10B, 150-6

CODEN: ZNTFA2; ISSN: 0372-9516

DT Journal

LA Unavailable